Country

Name

Signature

PTO/SB/05 (03-01)

(703) 312-6666

Dec. 21, 2001

28,577

Date

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION		Attorney Docket No. First Inventor		219,40853X00	24.			
				HAINES, MICHAEL D.	2.s			
	ANSMITTAL	Title	METHOD AND	APPARATUS FOR INCR	REASING THE IMMUNHY			
			OF NEW GENE	RATION MICROPROCE	SSORS FROM ES			
_(Only for new nonprovision	al applications under 37 CFR 1.53(b))		EVENTS					
		Express M	lail Label No.	Assistant Committee	ioner for Patents			
APPLICATION ELEMENTS			ADDRESS	Assistant Commissioner for Patents ADDRESS TO: Box Patent Application				
SEE MPEP chapter 600 concerning utility patent application contents.			Washington, DC 20231					
Fee Transmittal Form (e.g., PTO/SB/17) Submit an original and a duplicate for the processing!			 CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 					
	Applicant claims small entity status. See 37 CFR 1.27.			Nucleotide and/or Amino Acid Sequence Submission flf applicable, all necessary) a.				
3. Specification	Specification [Total Pages: 21]			tion Sequence Listing on:				
(preferred arrangement set forth below) -Descriptive title of the invention					ppies); or			
-Cross Reference	e to Related Applications	ii	ii D paper					
-Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Summary of the Invention			c. Statements verifying identity of above copies					
			A	ACCOMPANYING APPLICATION PARTS				
-Brief Descriptio	n of the Drawings (if filed)							
-Detailed Description -Claim(s)			9. Assignment Papers (cover sheet & documents(s))					
-Abstract of the	Disclosure			CFR 3.73(b) Statement	Power of Attorney			
4. Drawing(s) (35	U.S.C. 113) [Total Pages: 2]		. —	en there is an assignee) lish Translation Document (if applicable)			
5. Oath or Declaration [Total Pages:]			11. English Translation Document (<i>If applicable</i>) 12. Copies of IDS Citations					
a Newly executed (original or copy)			State	tement (IDS)/PTO-1449				
b Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)			6.21					
				14. A Return Receipt Postcard (MPEP 503) (Should be specifically itemized)				
i. LJ <u>DFLETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s)			15. Cert	15. Certified Copy of Priority Document(s)				
Named in the prior application, see 37 CFR				(if foreign priority is claimed)				
1.63(d)(2) and 1.33(b)			16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35					
6. Application Data Sheet. See 37 CFR 1.76		or its	s equivalent.					
40 If a CONTINUING	17. A Other: Credit Card Payment Form 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in							
18. If a CONTINUING A an Application Data She	et unde <u>r 3</u> 7 CFR 1.76:	, una suppi	, ais ivquisite iiii	end and a second and an exp				
Continuation Divisional Continuation-in-part (CIP) of prior application No.:								
Prior application information: Examiner: Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under								
Poy Shile considered a part of the disclosure of the accompanying continuation or divisional application and is necessary incorporated by reference.								
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS								
Customer Number of Bar Code Label Customer Number of Bar Code Label (mseri Customer No. or Attach par code label fiere) Correspondence address below								
Name	ANTONELLI, TERRY, STOUT & KI	RAUS, LLP	· · · · · · · · · · · · · · · · · · ·					
Address		· ·						
Address City		State		Zip				
	!			Çode				

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Telephone

(703) 312-6600

Registration No. (Attorney/Agent)

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Under the Paperwork Reduction Act of 1993, no persons are requir						Complete if Known		
FEE TRANSMIT	<u> </u>	Application Number						
					Dec. 21, 2001			
for FY 2002	<u>'</u>		Filing Date					
	<u> </u>	First Named Inventor			HAINES, MICHAEL D.			
Patent fees are subject to annua	i revision.	LE	Examine	er Nam	e			
			Group A	Art Unit				
TOTAL AMOUNT OF PAYMENT (\$) 1004.00			Attomey	/ Docke	t No.	219.40853X00		
METHOD OF PAYMENT		FEE CALCULATION (continued)						
The Commissioner is hereby authorized to charge indicated fees and credit overpayments to: Deposit Account Number 01-2135			DDITIC Large Entity Fee	NAL F	EES Small Entity Fee			
Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP			(\$)	Code	(\$)	Fee Description	Fee Paid	
☑ Charge Any Additional Fee Required Under 37 CFR 1.1 6 and 1.17		105	130	205	65	Surcharge – late filing fee or oath		
✓ Applicant Claims small entity status. See 37 CFR 1.27			50	227	25	Surcharge – late provisional filing fee or cover sheet		
2. ⊠ Payment Enclosed:		139	130	139	130	Non-English specification		
☐ Check ☑ Credit Card ☐ Money Order	☐ Other	147	2,520	147	2,520	For filing a request for ex parte reexamination		
FEE CALCULATION			920*	112		Requesting publication of SIR prior to Examination action		
2. BASIC FILING FEE Large Entity Small Entity		113	1,840*	113		*Requesting publication of SIR after Examiner action		
Fee Fee Fee Fee Description Code (\$) Code (\$)	Fee Paid	115	110	215		Extension for reply within first month		
101 740 201 370 Utility filing fee	740.00	116	400	216		Extension for reply within second month		
106 330 206 165 Design filing fee		117	920	217		tension for reply within third month		
107 510 207 255 Plant filing fee		118	1,440	218		tension for reply within fourth month		
108 740 208 370 Reissue filing fee		128	1,960	228		tension for reply within fifth month		
114 160 214 80 Provisional filing fee		119	320	219		Notice of Appeal		
SUBTOTAL (1)	740.00	120	320	220		Filing a brief in support of an appeal		
	1	121	280	221		Request for oral hearing		
1. EXTRA CLAIM FEES Fee from		138	1,510	138		Petition to Institute a public use proceeding		
Extra Claims below	Fee Paid	140	110	240		Petition to revive – unavoidable		
Total Claims 30 -20** = 10 x 18	= 180	141	1,280	241		Petition to revive – unintentional		
	= 84	142	1,280	242		Utility issue fee (or reissue)		
Indep. Claims 4-3** = 1 x 84	- 04	143	460	243		Design issue fee		
Multiple Dependent	=	144	620	244		Plant issue fee		
		122	130	122		Petitions to the Commissioner Processing fee under 37 CFR 1.17(q)		
Large Entity Small Entity		123	50	123		Submission of Information Disclosure Stmt		
Fee Fee Fee Fee Description Code (\$) Code (\$)		126	180	126				
103 18 203 9 Claims in excess of 2		581	40	581		Recording each patent assignment per property (times number of properties)		
102 84 202 42 Independent claims in		146	740	246		For each additional invention to be examined (37 CFR § 1.129(a))		
104 280 204 140 Multiple dependent cla		149	740	249		For each additional invention to be examined (37 CFR § 1.129(b))		
109 84 209 42 ** Reissue independer over original patent		179	740	279	370	Request for Continued Examination (RCE)		
110 18 210 9 ** Reissue claims in e	xcess of 20	169	900	169		Request for expedited examination of a design application		
and over original patent			r fee (sp	ecify)				
SUBTOTAL (2) \$	204							
		*Red	uced by	Basic Fi	ling Fee	Paid SUBTOTAL (3) (\$))	

SUBMITTED BY		Complete (if applicable)					
Name (Print/Type)	Ronald J. Shore	Registration No. (Attorney/Agent)	28,577	Telephone	(703) 312-6600		
	111			Date	Dec. 21, 2001		
Signature	Throw / John			Date	Dec. 21, 2001		

**or number previously paid, if greater, For Reissues, see above.

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